

Handout Nr. 8

Import climatic data

Irpani (Bolivia) climatic data

Latitude: 19.75 ° South

Longitude: 67.683 ° West

Altitude: 3648 m.a.s.l.

Given:

Daily climatic data of Irpani (Bolivia) from 3 October 2005 to 6 May 2006 is saved in the 'Irpani.CXT' text file. The file contains:

1. maximum air temperature in degree Celsius (Column 1),
2. minimum air temperature in degree Celsius (Column 2),
3. maximum Relative Humidity in percentage (Column 3),
4. minimum Relative Humidity in percentage (Column 4),
5. wind speed in meter per second measured at 2 m above soil surface (Column 5), and
6. solar or shortwave radiation in W/m² (Column 6).

Irpani.CXT

216 data lines (rows)

6 climatic parameters (columns)

24.5	5.5	12	5	5.8	391.7
25.7	-0.1	22.9	3.5	3.8	310.6
24.8	-6.5	14.5	3.4	4.2	359.2
24.1	-9.4	16.3	3.2	3.5	361
24.6	-7.5	15.4	2.1	3.9	358
23.6	-5.4	72.2	7.9	3.2	341.7
19.6	4.4	77.4	23.7	3.7	209.9
21.1	2.9	82.8	4.1	3.9	291.4
21.4	-6.3	12.9	4.7	3.4	367.4
23.6	-5.7	54	6.1	3.2	365
24.5	-6.9	21.6	5.2	3.9	367.7
23.9	-4.1	18.8	4.9	3.7	371.81
23.5	-3.3	25.7	9.1	4.5	362.8
24.1	-4	34.7	10	4.2	366
23.9	-0.2	59.1	8	4.6	365.69
24.1	-5.3	26.1	4.9	3.4	368.19
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